



FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA
Department of Medical Laboratory Science
Fifth End Semester Examination – May/June 2026 - 2021/2022 Batch
MLS 3122 Basic Laboratory Management – Theory II (SEQ)

Date: 29th May 2026

Time: 9.45 a.m. – 10.45 a.m.

Duration: 1 hour

Answer all questions

Index Number:

1. Laboratory safety encompasses preventing accidents and managing hazards through strict protocols.
 - 1.1. Mention **three (03)** measures to be taken to ensure radiation protection. (15 marks)
 - 1.2. Briefly describe the procedures to be followed to ensure chemical safety in a research laboratory. (30 marks)
 - 1.3. Describe the measures you would take to ensure safety when there is a hazardous chemical spill inside the laboratory. (25 marks)
 - 1.4. Discuss the main components of a waste management plan in a clinical laboratory. (30 marks)

2.
 - 2.1. What is 'Organizational change?'. (10 marks)
 - 2.2. List **five (05)** key changes that can be observed in medical laboratories. (10 marks)
 - 2.3. List **three (03)** timing levels of organizational change giving examples for each. (15 marks)
 - 2.4. ABC healthcare laboratory decided to introduce automation tools to improve productivity as a strategic measure.
 - 2.4.1. Briefly describe **three (03)** personal factors of Medical Laboratory Scientists that could affect the change in the ABC Laboratory. (25 marks)
 - 2.4.2. Briefly describe the steps of managing change that should be followed by the ABC laboratory. (40 marks)
